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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/595,204	06/16/2000	Naokazu Nagasawa	32739	1207

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EXAMINER

TRAN, CON P

ART UNIT

PAPER NUMBER

2644

DATE MAILED: 08/03/2004

17

Please find below and/or attached an Office communication concerning this application or proceeding.

8

Office Action Summary

Application No.

09/595,204

Applicant(s)

NAGASAWA ET AL.

Examiner

Con P. Tran

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 June 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on June 24, 2004 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1-2, 5-8** are rejected under 35 U.S.C. 103(a) as being unpatentable over Rahrer et al. U.S. Patent 6,005,927 (hereinafter, "Rahrer") in view of Siitonen et al. U.S. Patent 6,049,796 (hereinafter, "Siitonen").

Regarding **claim 1**, Rahrer teaches a telephone terminal device (see Figs. 3, 4A, 4B, and respective portions of the specification) comprising:

a temporary storage memory (fourth address area 80 which is used to keep: dial buffer 82, CLID buffer 86, input buffer 89; Fig. 1) for temporarily storing an inputted telephone number (e.g., a telephone number received from CLID receiver; see input port 38, Fig. 1; col. 7, lines 47-55); and

a plurality of telephone directories including a user selectable directory (personal directory 70, Fig. 1, col. 10, lines 16-36) and plurality of directories selected by a processor of the telephone (dial directory 50, Figs. 1, 2a, 2b, col. 8, lines 22-42; CLID directory 58, Figs. 1, 3, col. 9, lines 18-60) for storing user selected phone numbers (selected telephone numbers of personal directory 70; col. 10, lines 16-32), each of the telephone directories associated with at least one telephone directory memory, each of the telephone directory memories storing input telephone numbers (Fig. 1; col. 1, lines 53-66);

wherein a telephone number stored in the temporary storage memory is registered in at least one telephone directory memory (personal directory 70) associated with user selectable directory (personal directory; col. 10, lines 16-36) selected from the plurality of the telephone directories after making a call (col. 1, line 53 – col. 2, line 5).

However, Rahrer does not explicitly disclose more than one directory selectable by user.

Siitonen teaches an integrated telephone (10a)/PDA (10b) unit (Figs. 2A, 2B) in which user is able to select plurality of telephone directories for storing selected telephone numbers (contact directory, Fig. 3; telephone directory 200, Fig. 4A; telefax 300, Fig.5A; col. 4, line 52 – col. 5, line 28).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made to incorporate user selectable directories teaching of Siitonen with apparatus of the Rahrer for purpose of storing in the data base one or more file records containing personal and business records containing names and calling numbers, as suggested by Siitonen in column 3, lines 22-26.

Regarding **claim 2**, Rahrer further teaches wherein name and information related to the telephone number registered are added thereto (col. 1, line 53 – col. 2, line 5).

Regarding **claims 5-6**, Rahrer further teaches a Calling Line Identification (CLID) receiver (30, Fig. 1) comprising an interface (connection between CLID 30 and microprocessor 16 via input port 38) inherently has an external memory (for store incoming CLID information; col. 6, lines 4-11) external to the telephone terminal (CLID 30 receives input from subscriber loop 14 and outputs to microprocessor 16 via input port 38; see Fig. 1).

Regarding **claim 7**, Rahrer in view Siitonen teaches the telephone terminal device as claimed in claim 1, Rahrer in view Siitonen further teaches wherein the telephone directory memory for registering the telephone number stored in the temporary storage memory after a call is selected manually from one of the plurality of the telephone directory memories associated with the user selectable directories (see

Siitonen, contact directory, Fig. 3; telephone directory 200, Fig. 4A; telefax 300, Fig.5A; col. 4, line 52 – col. 5, line 28).

Regarding **claim 8**, Rahrer in view Siitonen teaches the telephone terminal device as claimed in claim 1, Rahrer in view Siitonen further teaches wherein the telephone directory memory for registering the telephone number stored in the temporary storage memory after a call is selected preliminarily from one of the plurality of the telephone directory memories associated with the user selectable directories (see Siitonen, contact directory, Fig. 3; telephone directory 200, Fig. 4A; telefax 300, Fig.5A; col. 4, line 52 – col. 5, line 28) so that the telephone number stored in the temporary storage memory is registered automatically in the preliminarily selected telephone directory memory after each call (see Rahrer col. 1, line 53 – col. 2, line 5; col. 2, lines 17-33).

4. **Claims 3-4** are rejected under 35 U.S.C. 103(a) as being unpatentable over Rahrer et al. U.S. Patent 6,005,927 (hereinafter, "Rahrer") in view of Marutiak (5,568,546).

Regarding **claim 3**, Rahrer in view Siitonen teaches a telephone terminal device as claimed in claim 1. However, Rahrer in view Siitonen does not explicitly disclose wherein data of at least one of the telephone directories are erased automatically after passage of a predetermined time.

Marutiak teaches a telephone that deletes entries of dialed number in abbreviated dialing list (i.e., directory), which have had no activity for a set period of time, such as sixty days (col. 6, lines 24-28).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made to incorporate such teaching of Marutiak with the apparatus of Rahrer, Siitonen combination for purpose of giving new entries to an existing list an opportunity to grow in usage, as suggested by Marutiak in column 6, lines 20-21.

Regarding **claim 4**, Marutiak further teaches the telephone terminal device comprising:

a transmitted telephone number record directory memory for storing a plurality of telephone numbers called (via memory bus 204 in RAM 206, Fig. 2; col. 1, line 65 – col. 2, line 9); and a buffer directory memory (abbreviated dialing list in RAM 206, col. 4, lines 58-65), whose data are erased automatically after passage of a predetermined time (e. g., six days; col. 6, lines 24-28), wherein telephone numbers are registered in the transmitted telephone number record directory memory in the order of call (e.g., position on the abbreviated dialing list), and in the case the number of the telephone numbers to be registered exceeds the number capable of being stored in the transmitted telephone number record directory memory (more than maximum list size), the telephone number of the oldest registration order or a telephone number specified by the user is displaced from the transmitted telephone number record directory

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memory to the buffer directory memory for reregistration (action 428; Fig. 4, col. 6, lines 2-23).

Response to Arguments

5. Applicant's arguments with respect to claims 1-8 have been considered but are moot in view of the new grounds of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Con P. Tran, whose telephone number is (703) 305-2341. The examiner can normally be reached on M - F (8:30 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Forester W. Isen can be reached on (703) 305-4386. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office at telephone number (703) 306-0377.

cpt CPJ
July 26, 2004


XU MEI
PRIMARY EXAMINER